

Attorney Docket No. 60072-0725

AMENDMENTS TO THE CLAIMS

- 1 1. (Currently Amended) A method executed on a personal data assistant for adjusting levels
2 of a viewing parameter for an image screen disposed on ~~a portable computer~~ the personal
3 digital assistant, wherein the image screen includes pixels having output levels, the
4 method comprising:
5 ~~receiving~~ detecting an activation signal for viewing a parameter control ~~from~~ in response
6 to user operation of a first input mechanism ⁽¹⁸⁾ mechanical button disposed on the
7 personal digital assistant;
8 in response to receiving the activation signal, displaying one or more graphical user -
9 interface -elements, the one or more graphical user-interface elements forming at
10 least a portion of the parameter control on the image screen, the one or more
11 graphical user -interface -elements including a bar and a slider;
12 detecting an interaction between a user and the one or more graphical user-interface
13 elements, the interaction corresponding to an adjustment of the viewing parameter
14 from a prior value to a new value; and
15 in response to detecting the interaction, adjusting the value of the viewing parameter for
16 the image screen to the new value, wherein adjusting includes adjusting image
17 screen drive voltages to adjusted voltages based on the new value, the pixels
18 being receptive to the image screen drive voltages so that the pixel output levels
19 respond to the adjusted voltages by providing an adjusted image having an
20 adjusted contrast or brightness;
21 wherein detecting an interaction between a user and the ~~graphical~~ one or more graphical
22 user-interface elements includes detecting continuous contact on the image screen

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23 of a user-controlled object ~~with~~over the slider, along the bar displayed on the
24 image screen, from a first location corresponding to the prior value to a second
25 location corresponding to the new value;
26 wherein said ~~portable computer~~personal data assistant executes an operating system; and
27 wherein a process, running on said ~~portable computer~~personal data assistant and
28 executing under control of said operating system, causes the displaying of said
29 graphical user-interface elements.

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1 2. - 5. (Canceled)

1 6. (Currently Amended) The method of claim 1, wherein the image screen includes portions
2 adapted for illumination by groups of pixels including a first portion configured for
3 illumination by a first group of pixels, and wherein the adjusting includes:
4 maintaining the image screen drive voltages at low levels for one or more of the groups
5 of pixels, and
6 adjusting the image screen voltages to adjusted voltages corresponding to the new values
7 for the first group of pixels, the first portion covering less than approximately
8 twenty-percent of the image screen, and wherein the method includes the ~~portable~~
9 ~~computer~~personal data assistant displaying selected information only on the first
10 portion.

1 7. - 15. (Canceled)

1 16. (Currently Amended) A ~~portable computer~~personal digital assistant comprising:

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2 an image screen comprising pixels, wherein the image screen is adapted to display items
3 of information at levels corresponding to values of a viewing parameter, the
4 values of the viewing parameter vary in response to image screen drive voltages,
5 and different groups of the pixels have different image screen drive voltages;
6 a ~~first input mechanism~~ mechanical button that is disposed on the personal data assistant
7 and that is actuatable to initiate adjustment of viewing parameter values;
8 a processor; and
9 a memory coupled with the processor;
10 the processor being configured to:
11 execute an operating system;
12 run a process under control of said operating system;
13 respond to ~~actuation~~ user operation of the ~~first input mechanism~~ mechanical button
14 by displaying graphical user ~~-interface -elements~~ adapted for adjusting the
15 viewing parameter values, the graphical user ~~-interface elements~~ including
16 a slider that can move along a bar;
17 wherein said process causes the display of the graphical user ~~-interface- elements~~;
18 detect a continuous physical contact applied to the image screen starting at a first
19 location where the slider is approximately displayed, and ending at a
20 second location that indicates a change in the values of the viewing
21 parameter;
22 graphically move the slider along the bar from the first location to approximately
23 the second location in response to detecting the continuous contact;
24 respond to the continuous contact by adjusting the values of the viewing
25 parameter based on the change.

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1 17. - 25. (Cancelled)

1 26. (Currently Amended) The ~~portable computer~~ personal data assistant of claim 16, wherein
2 the more than approximately eighty percent of the pixels have a value of the viewing
3 parameter corresponding to a first image screen drive voltage.

1 27. - 28. (Canceled)

1 29. (Previously Presented) The method of claim 1, wherein
2 in response to receiving the activation signal, displaying one or more graphical user -
3 interface -elements includes displaying an icon, and
4 detecting an interaction between a user and the one or more graphical user-interface
5 elements includes detecting the user contacting the icon after moving the slider to
6 the second position; and
7 wherein the method further comprises accepting the new value of the viewing parameter
8 for adjusting image screen drive voltages only if the user contacts the icon.

1 30. (Previously Presented) The method of claim 1, wherein
2 detecting an interaction between a user and the one or more graphical user-interface
3 elements includes detecting the user contacting the bar either to a left side or right
4 side of the slider, wherein contact to one of the left side or right side corresponds
5 to the new value being less than the prior value, and contact to the other of the left
6 side or right side corresponds to the new value being greater than the prior value.

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1 31. (Canceled)

1 32. (Currently Amended) A method executed on a personal data assistant for adjusting levels
2 of a viewing parameter for an image screen disposed on ~~a portable computer~~ the personal
3 data assistant, wherein the image screen includes pixels having output levels, the method
4 comprising:

5 maintaining the ~~portable computer~~ personal data assistant in a low power state until any
6 one of a plurality of mechanical input mechanisms is actuated by user operation
7 of said any one of the plurality of mechanical input mechanisms;

8 detecting a first input mechanism in the plurality of input mechanisms being actuated, the
9 first input mechanism being previously associated with displaying one or more
10 graphical user-interface elements;

11 in response to detecting the first input mechanism being actuated, then automatically
12 performing steps (a)-(c):

13 (a) switching the computer to an higher power state,

14 (b) displaying on at least a portion of the image screen a content from a previous
15 use of an application on the ~~portable computer~~ personal data assistant, and

16 (c) displaying one or more graphical user-interface elements for adjusting a value
17 of a viewing parameter, the one or more graphical user-interface elements
18 including a slider and a bar;

19 detecting continuous contact on the image screen corresponding to where the slider is

20 being displayed, the continuous contact extending between a first location of the

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21 slider on the bar and a second location of the slider on the bar, the second location
22 of the contact determining a new value for the viewing parameter;
23 adjusting the value of the viewing parameter for the image screen to the new value by
24 adjusting drive voltages of the image screen to correspond to the new value for
25 the viewing parameter, the pixels being receptive to the image screen drive
26 voltages so that the pixel output levels respond to the adjusted voltages by
27 providing an adjusted image;
28 wherein said ~~portable computer~~ personal data assistant executes an operating system; and
29 wherein a process, running on said ~~portable computer~~ personal data assistant and
30 executing under control of said operating system, causes the displaying of said
31 graphical user-interface elements.

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1 33. (Previously Presented) The method of claim 32, wherein displaying one or more
2 graphical user-interface elements for adjusting a value of a viewing parameter includes
3 enabling the slider to be moved to a plurality of positions, including the first position and
4 the second position.

1 34. (Currently Amended) The method of claim 32, displaying on at least a portion of the
2 image screen a content from a previous use of an application on the ~~portable~~
3 ~~computer~~ personal data assistant includes displaying a most recently displayed content of
4 the application prior to the ~~portable computer~~ personal data assistant being maintained in
5 the low power state.

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1 35. (Currently Amended) The method of claim 32, displaying a most recently displayed
2 content of the application prior to the ~~portable computer~~ personal data assistant being in
3 the low power state includes displaying a most recently displayed content prior to the
4 ~~portable computer~~ personal data assistant being maintained in the low power state.

1 36. (New) A method for adjusting levels of a viewing parameter for an image screen
2 disposed on a personal data assistant, the method comprising the steps of:
3 in response to user operation of a mechanical button disposed on the PDA, launching a
4 first application that displays a graphical user-interface on the image screen
5 disposed on a personal data assistant; and
6 receiving user input on the image screen to manipulate the user interface; and
7 adjusting the brightness or the contrast based on the input.

1 37. (New) The method of claim 36, wherein the image screen includes portions adapted for
2 illumination by groups of pixels including a first portion configured for illumination by a
3 first group of pixels, and wherein the step of adjusting includes:
4 maintaining the brightness or contrast at a first level for one or more of the groups of
5 pixels;
6 adjusting the brightness or contrast of the first portion; and
7 wherein the first portion covers less than approximately twenty-percent of the image
8 screen.

1 38. (New) The method of claim 36, the method further including:

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displaying, in response to user operation of a mechanical button, on at least a portion of the image screen, a content from a previous use of a second application, wherein said second application is different than said first application.
